



# Weatherford®

Packer Systems

## *ThunderCat Hydraulic-Set Retrievable Production Packer*

Weatherford's ThunderCat hydraulic-set retrievable production packer is a high-performance packer ideally suited to isolate the annulus from the production conduit in deep, high-pressure completions. All the O-rings can be pressure tested to ensure correct setting on the tubing before running the packer. Tubing pressure sets the packer, and a straight-pull shear release or optional mechanical or chemical cutting easily retrieves it.

### *Applications*

- Monobore applications
- Liner-top completions
- Stacked completions
- Flanged completions
- High-pressure production or testing
- Highly deviated and extended-reach wells

### *Features, Advantages and Benefits*

- The packer can be installed in one trip, saving rig time.
- The hydraulic packer setting and straight-pull release without tubing manipulation simplify deployment in deviated and flanged wells.
- The one-piece mandrel without internal connections reduces potential leak paths.
- The field-proven design with the top slips below the nonsealing element prevents debris buildup in and around the retrieval mechanism, reducing circulating time and improving reliability.





## ThunderCat Hydraulic-Set Retrivable Production Packer

### Specifications

Casing				Packer			
Size (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Pressure Rating (psi, kPa)	Maximum OD (in./mm)	Minimum ID (in./mm)	Product Number
		Minimum	Maximum				
6-5/8 168.3	32 to 35 48 to 52	5.460 138.68	5.778 146.76	10,000* 68,948	5.390 136.91	2.485 63.12	178363
	28 42			8,000* 55,158			
7 177.8	35 to 38 52 to 57	5.801 147.35	6.122 155.50	10,000* 68,948	5.705 144.91	2.500 63.50	178443
	32 48			8,000* 55,158			
	32 to 38 48 to 57	5.92 150.37	6.094 154.79	5,500** 37,921	5.705 144.91	2.485 63.12	1235425

\*From 150 to 300°F (66 to 149°C). The packer can be set with 3,500-psi (24,132-kPa) pressure.

\*\*Packer is rated to 5,500 psi at 400°F

### Options

- An optional upper sealbore enables tubing-string retrieval without packer retrieval, saving rig time.
- Alternate materials, elastomers, and connections are available on order.